

Patent Claims

1. Pharmaceutical preparation comprising levothyroxine sodium, gelatine and fillers and which is free of organic solvent residues.
2. Pharmaceutical preparation according to Claim 1, characterized in that liothyronine sodium is optionally also contained.
3. Pharmaceutical preparation according to Claim 1, characterized in that 5 to 400 μg of levothyroxine sodium are contained.
4. Pharmaceutical preparation according to Claim 1, characterized in that levothyroxine sodium micronized with a particle size of between 5 μm and 25 μm is contained.
5. Pharmaceutical preparation according to Claim 1, characterized in that fillers selected from the group consisting of lactose and/or maize starch and/or microcrystalline cellulose are contained.
6. Pharmaceutical preparation according to Claim 1, 2 or 3, characterized in that it is a solid preparation in the form of tablets.
7. Process for the production of a pharmaceutical preparation, characterized in that levothyroxine sodium and optionally liothyronine sodium, which is/are present in suspended form in aqueous gelatine solution, are sprayed onto the filler(s) in a fluidized bed granulation, then a disintegrant and lubricant are admixed and the mixture is compressed to give tablets.
8. Process according to Claim 5, characterized in that the disintegrant used is croscarmellose

sodium and the lubricant used is magnesium stearate.